

ABSTRACT

A mounting structure is disclosed for mounting optical devices in optical alignment with optical systems. A mounting comb includes a base and a plurality of spaced apart fingers extending from the base perpendicular to and opposite a mounting surface. The mounting surface of the mounting comb is fixedly attached to the surface of a substrate with the fingers extending outwardly from the substrate. A receiving comb includes a base with a mounting surface and a plurality of spaced apart fingers extending from the base perpendicular to and opposite the mounting surface. The optoelectronic device is fixedly mounted on the mounting surface of the receiving comb. The fingers of the receiving comb and the mounting comb are fixed in an interdigitated orientation by a layer of adhesive so that an I/O light port of the optoelectronic device is optically aligned with an I/O light port of the optical system.